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1	1. A semisubmersible vessel comprising:
2	(a) a superstructure deck;
3	(b) a ring pontoon having forward, aft,
4	starboard, and port sections;
5	(c) said forward and aft pontoon
6	sections each having a centerline partition;
7	(d) said superstructure deck supported
8	by at least four columns located near the
9	forward and aft ends of the starboard and
10	port sections of the ring pontoon;
11	(e) a first interior vertical partition
12	in each of such forth columns lying in the
13	same plane as a side of either the forward or
14	aft section of the pontoon ring.
1	2. A semisubmersible vessel according to claim

2. A semisubmersible vessel according to claim 1 further comprising a second interior vertical partition which is transverse to said first interior vertical partition and which lies in the same plane as a vertical interior partition in either the starboard or port section of the pontoon ring.

- 7 -

	1. ,
1	A semisubmersible vessel comprising:
2	(a) a superstructure deck;
3	(b) a ring pontoon having forward, aft,
4	starboard, and port sections;
5	(c) said superstructure deck is
6	supported by at least four columns located
7	near the forward and aft ends of the
8	starboard and port sections of the ring
9	pontoon; and
10	(d) the vertical centerline of each of
11	the columns is located inward of both the
12	axial centerline of the forward section of
13	the ring pontoon and the axial centerline of
14	the aft section of the ring pontoon.
	-2/
1	A. A semisubmersible vessel according to claim
2	in which the outer perimeter of the ring pontoon forms an
3	octagon.
	√7 .
1	A semisubmersible vessel according to claim #
2	in which the inner perimeter of the ring pontoon forms an
3	octagon.
	4.
1	A semisubmersible vessel according to claim
2	in which the superstructure deck is further supported by a
3	least four radial braces running from the ring pontoon to
4	locations on the superstructure deck which are inboard of



the ring pontoon.

1	7. A semisubmersible vessel comprising:
2	(a) a superstructure deck;
3	(b) a ring pontoon having forward, aft,
4	starboard, and port sections; and
5	(c) said forward and aft sections of
6	the ring pontoon having a reduced sectional
7	height compared with the starboard and port
8	sections of the ring pontoon.
1	8. A semisubmersible vessel according to claim 7
2	in which the outer perimeter of the ring pontoon forms an
3	octagon

1	9. A semisubmersible vessel comprising:
2	(a) `a superstructure deck;
3	(b) a ring pontoon having forward, aft,
4	starboard, and port sections;
5	(c) said superstructure deck is
6	supported by at least four columns located
7	near the forward and aft effice of the
8	starboard and port sections of the ring
9	pontoon; and
10	(d) the vertical centerline of each of
11	the columns is located inward of the axial
12	centerlines of the forward, aft, starboard,
13	and port sections of the ring pontoon.

1	10. A semisubmersible vessel comprising:
2	(a) a superstructure deck;
3	(b) a non-square ring pontoon;
4	(c) said superstructure deck is
5	supported by more than four columns located
6	in spaced relation along the ring pontoon.

add A)